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(54) Photocatalyst, process for producing the same and photocatalyst coating composition comprising the same

(57) A photocatalyst is provided, which comprises a titanium oxide and a metal-containing compound other than titanium oxide on the surface of the titanium oxide, wherein the metal-containing compound is a metal oxide having an acid site and the photocatalyst has a BET specific surface area of about 55 m²/g or larger, or wherein the metal-containing compound is a basic met-

al-containing compound and the photocatalyst has an anatase-crystalline structure and an anatase-crystalline size of about 10 nm or larger. The photocatalyst shows sufficiently high photocatalytic activities under irradiation by visible light.

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